## EAST Search History

### EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L41 | 0 | (dispens$5 and aerosol and cup and mounting and turret and rim and sidewall and collapsible and bond and cylindrical).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/10/25 11:03 |
| S1 | 1403 | aerosol with (collapsible or flexible) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:14 |
| S2 | 284 | "222"/$.ccls. and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/06/26 13:14 |
| S3 | 4 | ("4117951" \| "4832236" \| "5277336" \| "6179169").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/29 10:02 |
| S4 | 1 | ("6332563").URPN. | USPAT | OR | ON | 2006/06/26 13:40 |
| S5 | 40 | S1 and (method with filling) | USPAT | OR | ON | 2006/06/26 13:41 |
| S6 | 18 | ("4346743").URPN. | USPAT | OR | ON | 2006/09/27 17:15 |
| S7 | 87 | ("2686652" \| "2764454" \| "2785926" \| "2831618" \| "2839225" \| "2965270" \| "3191809" \| "3196819" \| "3346195" \| "3415425" \| "3433391" \| "3450314" \| "3467283" \| "3482738" \| "3544258" \| "3548564" \| "3592359" \| "3700136" \| "3788521" \| "3806005" \| "3828977" \| "3862705" \| "3913842" \| "3938708" \| "3989165" \| "3992003" \| "4032064" \| "4045860" \| "4089443" \| "4117951" \| "4148416" \| "4154378" \| "4171757" \| "4185758" \| "4187959" \| "4198365" \| "4238264" \| "4293353" \| "4308973" \| "4322020" \| "4346743" \| "4370930" \| "4401271" \| "4401272" \| "4411387" \| "4417674" \| "4442959" \| "4641765" \| "4854482" \| "4870805" \| "4896832" \| "4940171" \| "4949871" \| "4955545" \| "4969577" \| "5007556" \| "5037011" \| "5038964" \| "5059187" \| "5069390" \| "5115944" \| "5126086" \| "5188263" \| "5188295" \| "5211317" \| "5341970" \| "5450983" \| "6152335" \| "6352184" \| "6641005" \| "RE30093").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:19 |
| S8 | 16 | ("3938708" \| "4117951" \| "4148416" \| "4150522" \| "4293353" \| "4346743" \| "4964540" \| "5007556" \| "5069363" \| "5115944" \| "5123560" \| "5248063" \| "5277336" \| "5622282" \| "5730328" \| "6401979").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:23 |
| S9 | 0 | ("6651847").URPN. | USPAT | OR | ON | 2006/09/27 17:25 |

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|---|---|---|---|---|---|---|
| S10 | 16 | ("3225967" \| "3323206" \| "3477195" \| "3662926" \| "4117951" \| "4150522" \| "4211344" \| "4346743" \| "4545506" \| "5248063" \| "5292033" \| "5505039" \| "6092566").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:26 |
| S11 | 2 | ("6196275").URPN. | USPAT | OR | ON | 2006/09/27 17:26 |
| S12 | 96 | ("2671578" \| "2816691" \| "2937791" \| "3040933" \| "3169670" \| "3223289" \| "3323206" \| "3378169" \| "3662926" \| "3669313" \| "3731854" \| "3828977" \| "3905517" \| "3938708" \| "3940026" \| "3976223" \| "3979025" \| "4032064" \| "4039103" \| "4045860" \| "4062475" \| "4066596" \| "4095724" \| "4117951" \| "4121737" \| "4136802" \| "4148416" \| "4150522" \| "4153182" \| "4189069" \| "4198365" \| "4238264" \| "4293353" \| "4324350" \| "4383399" \| "4387833" \| "4441632" \| "4457454" \| "4949871" \| "4953753" \| "4964540" \| "4969577" \| "4981238" \| "5007556" \| "5031384" \| "5069363" \| "5111971" \| "5115944" \| "5123571" \| "5135137" \| "5137179" \| "5143260" \| "5169037" \| "5179982" \| "5186361" \| "5211316" \| "5217139" \| "5232126" \| "5238150" \| "5248063" \| "5265765" \| "5277336" \| "5282549" \| "5292033" \| "5320255" \| "5343901" \| "5353962" \| "5370272" \| "5409142" \| "5477985" \| "5505039" \| "5522526" \| "5622282" \| "5685456" \| "5730326" \| "5730328" \| "5772083" \| "5848623" \| "5915595" \| "5921439" \| "5927551" \| "5957333" \| "5979707" \| "6073804" \| "6098864" \| "6196275" \| "6230943" \| "RE35540").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:27 |
| S13 | 4 | ("4089443" \| "4346743" \| "4545506" \| "4759472").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:33 |
| S14 | 4 | ("5123560").URPN. | USPAT | OR | ON | 2006/09/27 17:34 |
| S15 | 9 | ("5277336").URPN. | USPAT | OR | ON | 2006/09/27 17:34 |
| S16 | 8 | ("3342377" \| "3378169" \| "3662926" \| "4117951" \| "4150522" \| "4189069").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:35 |
| S17 | 12 | ("2679336" \| "3052371" \| "3206054" \| "3549058" \| "3662944" \| "3698594" \| "3700136" \| "3790021").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:35 |
| S18 | 24 | ("4117951").URPN. | USPAT | OR | ON | 2006/09/27 17:35 |
| S19 | 6 | ("4730752" \| "4832236" \| "5016785" \| "5121858" \| "5234137" \| "5325985").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:36 |
| S20 | 16 | ("2847959" \| "3323206" \| "3423818" \| "3477195" \| "3549058" \| "3588997" \| "3938708" \| "3979025" \| "4045860" \| "4153182").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 17:38 |

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|---|---|---|---|---|---|---|
| S21 | 85 | ("3245582" \| "3322590" \| "3558397" \| "3558397" \| "3690524" \| "3770165" \| "3823849" \| "3992003" \| "4023607" \| "4425177" \| "4452378" \| "4484351" \| "4732299" \| "5115944" \| "5125546" \| "5211316" \| "5261571" \| "5275311" \| "5324233" \| "5454488" \| "5511697" \| "5540358" \| "5564591" \| "5617978" \| "5630530" \| "5699936" \| "5819986" \| "5819987" \| "5823383" \| "5873491" \| "5875939" \| "5919360" \| "5971613" \| "6000848" \| "6007884" \| "6050451" \| "6085945" \| "6142344" \| "6375049"). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/27 18:08 |
| S22 | 2147 | 222/95 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/27 18:09 |
| S23 | 4070 | 222/95,105,107,313,386.5.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 11:36 |
| S24 | 1394 | S23 and (flexible or collapsibe) and (aerosol or dispens$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:37 |
| S25 | 5 | ("3877616" \| "4479593" \| "5409146" \| "5492252" \| "5642860").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 11:54 |
| S26 | 12 | ("6070763").URPN. | USPAT | OR | ON | 2006/09/28 11:54 |
| S27 | 10 | ("4189069" \| "4211344" \| "4375743" \| "5031384" \| "5139168" \| "5492252" \| "5730326" \| "6021924" \| "6070763" \| "6085945").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 11:55 |
| S28 | 12 | ("2652172" \| "2768638" \| "3300102" \| "3323206" \| "3467283" \| "3471059"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 12:18 |
| S29 | 17 | ("3700136").URPN. | USPAT | OR | ON | 2006/09/28 12:19 |
| S30 | 2107 | 141/3,20,18,114.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:36 |
| S31 | 421 | S30 and (flexible or collapsibe) and (aerosol or dispens$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:44 |
| S32 | 2223 | "220"/$.ccls. and (flexible or collapsibe) and (aerosol or dispens$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:45 |
| S33 | 5712184 | S32 (heat$4 or seal$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:46 |
| S34 | 1822 | S32 and (heat$4 or seal$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 14:51 |
| S35 | 47 | aerosol same cup same (bag or container or sac) same (heat$3 or bond $3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 15:02 |
| S36 | 1141 | aerosol same (bag or container or sac) same (heat$3 or bond$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 15:20 |

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|---|---|---|---|---|---|---|
| S37 | 161 | aerosol same (flexible or colapsible) same (heat$3 or bond$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 15:21 |
| S38 | 164 | aerosol same (flexible or collapsible) same (heat$3 or bond$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 15:21 |
| S39 | 103 | S38 not S36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/28 15:21 |
| S40 | 23 | ("2402943" \| "2819001" \| "2889078" \| "2937791" \| "3143364" \| "3169670" \| "3240394" \| "3318985" \| "3604880" \| "3606089" \| "3700136" \| "3731854" \| "3896970" \| "3928109").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 15:52 |
| S41 | 29 | ("4293353").URPN. | USPAT | OR | ON | 2006/09/28 15:53 |
| S42 | 29 | ("4293353").URPN. | USPAT | OR | ON | 2006/09/28 15:55 |
| S43 | 10 | ("3052371" \| "3443735" \| "3777925" \| "3784049" \| "3964630" \| "4293353" \| "4308973" \| "4459793").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/28 15:56 |
| S44 | 6 | ("5388716").URPN. | USPAT | OR | ON | 2006/09/28 15:56 |
| S45 | 191 | "156"/$.ccls. and aerosol and (flexible or collapsible or bag) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/09/29 10:04 |
| S46 | 4 | ("3129867" \| "3393842").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/29 10:06 |
| S47 | 19 | ("4185758").URPN. | USPAT | OR | ON | 2006/09/29 10:07 |
| S48 | 4 | ("4117951" \| "4832236" \| "5277336" \| "6179169").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:06 |
| S49 | 26 | ("3169670").URPN. | USPAT | OR | ON | 2007/04/18 17:08 |
| S50 | 22 | ("3124917" \| "3169670" \| "3406877" \| "3422837" \| "3451592" \| "3572402" \| "3654743" \| "3748818" \| "4197884" \| "4709734" \| "4877065" \| "5092750" \| "5203383" \| "5343904" \| "5411183" \| "5462099").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:09 |
| S51 | 2 | ("6607012").URPN. | USPAT | OR | ON | 2007/04/18 17:10 |
| S52 | 2 | ("6607012").URPN. | USPAT | OR | ON | 2007/04/18 17:12 |
| S53 | 36 | ("3232493" \| "3236457" \| "3326416" \| "3326469" \| "3406877" \| "3525997" \| "3543965" \| "3568888" \| "3592359" \| "3592361" \| "3612361" \| "3642173" \| "3720376" \| "3770165" \| "3796352" \| "3869070" \| "3894659" \| "3976223" \| "4328843" \| "4431119" \| "4750647" \| "4792062" \| "4826048" \| "4969584" \| "5167347" \| "5411183" \| "5579955" \| "5695096" \| "6607012").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:12 |

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|---|---|---|---|---|---|---|
| S54 | 12 | ("3169670" \| "3905517" \| "4008830" \| "4045860" \| "4189069" \| "4322020" \| "4356926" \| "4457455" \| "4671428" \| "5004123" \| "5076470").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:16 |
| S55 | 12 | ("5123571").URPN. | USPAT | OR | ON | 2007/04/18 17:17 |
| S56 | 96 | ("2671578" \| "2816691" \| "2937791" \| "3040933" \| "3169670" \| "3223289" \| "3323206" \| "3378169" \| "3662926" \| "3669313" \| "3731854" \| "3828977" \| "3905517" \| "3938708" \| "3940026" \| "3976223" \| "3979025" \| "4032064" \| "4039103" \| "4045860" \| "4062475" \| "4066596" \| "4095724" \| "4117951" \| "4121737" \| "4136802" \| "4148416" \| "4150522" \| "4153182" \| "4189069" \| "4198365" \| "4238264" \| "4293353" \| "4324350" \| "4383399" \| "4387833" \| "4441632" \| "4457454" \| "4949871" \| "4953753" \| "4964540" \| "4969577" \| "4981238" \| "5007556" \| "5031384" \| "5069363" \| "5111971" \| "5115944" \| "5123571" \| "5135137" \| "5137179" \| "5143260" \| "5169037" \| "5179982" \| "5186361" \| "5211316" \| "5217139" \| "5232126" \| "5238150" \| "5248063" \| "5265765" \| "5277336" \| "5282549" \| "5292033" \| "5320255" \| "5343901" \| "5353962" \| "5370272" \| "5409142" \| "5477985" \| "5505039" \| "5522526" \| "5622282" \| "5685456" \| "5730326" \| "5730328" \| "5772083" \| "5848623" \| "5915595" \| "5921439" \| "5927551" \| "5957333" \| "5979707" \| "6073804" \| "6098864" \| "6196275" \| "6230943" \| "RE35540").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:18 |
| S57 | 16 | ("3225967" \| "3323206" \| "3477195" \| "3662926" \| "4117951" \| "4150522" \| "4211344" \| "4346743" \| "4545506" \| "5248063" \| "5292033" \| "5505039" \| "6092566").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:18 |
| S58 | 32 | ("3169670" \| "3559701" \| "3583606" \| "3592390" \| "3675825" \| "3731854" \| "3792802" \| "3827608" \| "3838796" \| "3901416" \| "4147284" \| "4482082" \| "4492320" \| "4513890" \| "4619297" \| "4646947" \| "4813575" \| "4856677" \| "4921020" \| "4925066" \| "4953753" \| "4984717" \| "5165576" \| "5224528" \| "5232126" \| "5265765" \| "5507420" \| "5623974" \| "5695096" \| "5730328" \| "5839623").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:21 |
| S59 | 2 | ("5957333").URPN. | USPAT | OR | ON | 2007/04/18 17:23 |
| S60 | 5 | ("3658208" \| "3912130" \| "3918611" \| "4646947" \| "5179982").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:25 |
| S61 | 3 | ("3608781" \| "3876115" \| "3961725").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:32 |
| S62 | 31 | ("4121737").URPN. | USPAT | OR | ON | 2007/04/18 17:32 |

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|---|---|---|---|---|---|---|
| S63 | 14 | ("2671578" \| "2689065" \| "2704172" \| "2959250" \| "3282473" \| "3447779" \| "3504827").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:35 |
| S64 | 11 | ("3282473").URPN. | USPAT | OR | ON | 2007/04/18 17:36 |
| S65 | 14 | ("2671578" \| "2689065" \| "2704172" \| "2959250" \| "3282473" \| "3447779" \| "3504827").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/18 17:37 |
| S66 | 15 | ("2671578").URPN. | USPAT | OR | ON | 2007/04/18 17:39 |
| S67 | 5 | ("4202470" \| "5277336" \| "5423454" \| "5738253" \| "6039222").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 17:30 |
| S68 | 2 | ("6230943").URPN. | USPAT | OR | ON | 2008/03/20 17:31 |
| S69 | 455 | "222"/$.ccls. and "mounting cup" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/03/20 17:38 |
| S70 | 14 | ("0528820" \| "2176109" \| "2715489" \| "3354603" \| "3520337" \| "3775015" \| "3791098" \| "3905517" \| "4116336").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/24 10:27 |
| S71 | 13 | ("4375743").URPN. | USPAT | OR | ON | 2008/03/24 10:28 |
| S72 | 5 | ("4202470" \| "5277336" \| "5423454" \| "5738253" \| "6039222").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 11:58 |
| S73 | 2 | ("6230943").URPN. | USPAT | OR | ON | 2008/08/20 11:58 |
| S74 | 96 | ("2671578" \| "2816691" \| "2937791" \| "3040933" \| "3169670" \| "3223289" \| "3323206" \| "3378169" \| "3662926" \| "3669313" \| "3731854" \| "3828977" \| "3905517" \| "3938708" \| "3940026" \| "3976223" \| "3979025" \| "4032064" \| "4039103" \| "4045860" \| "4062475" \| "4066596" \| "4095724" \| "4117951" \| "4121737" \| "4136802" \| "4148416" \| "4150522" \| "4153182" \| "4189069" \| "4198365" \| "4238264" \| "4293353" \| "4324350" \| "4383399" \| "4387833" \| "4441632" \| "4457454" \| "4949871" \| "4953753" \| "4964540" \| "4969577" \| "4981238" \| "5007556" \| "5031384" \| "5069363" \| "5111971" \| "5115944" \| "5123571" \| "5135137" \| "5137179" \| "5143260" \| "5169037" \| "5179982" \| "5186361" \| "5211316" \| "5217139" \| "5232126" \| "5238150" \| "5248063" \| "5265765" \| "5277336" \| "5282549" \| "5292033" \| "5320255" \| "5343901" \| "5353962" \| "5370272" \| "5409142" \| "5477985" \| "5505039" \| "5522526" \| "5622282" \| "5685456" \| "5730326" \| "5730328" \| "5772083" \| "5848623" \| "5915595" \| "5921439" \| "5927551" \| "5957333" \| "5979707" \| "6073804" \| "6098864" \| "6196275" \| "6230943" \| "RE35540").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 11:59 |

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|---|---|---|---|---|---|---|
| S75 | 15 | ("2671578").URPN. | USPAT | OR | ON | 2008/08/20 12:03 |
| S76 | 15 | ("2671578").URPN. | USPAT | OR | ON | 2008/08/20 12:05 |
| S77 | 2 | "mouting cup" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/20 12:15 |
| S78 | 1922 | "mounting cup" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/20 12:15 |
| S79 | 214 | "mounting cup" same (bag or pouch or flexible or collapsile) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/20 12:16 |
| S80 | 387 | B65D083/16.IPC. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/20 12:24 |
| S81 | 2 | ("5527577" \| "5894958").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/11 15:49 |
| S82 | 1 | ("6581807").URPN. | USPAT | OR | ON | 2008/09/11 15:50 |
| S83 | 40 | ("2610940" \| "2715481" \| "2752066" \| "2757826" \| "2772819" \| "2997243" \| "3050219" \| "3062417" \| "3133680" \| "3149757" \| "3180536" \| "3426948" \| "3484023" \| "3591128" \| "3601290" \| "3606966" \| "3721423" \| "3738536" \| "3779427" \| "3797705" \| "3860149" \| "4024995" \| "4065036" \| "4418842" \| "4420090" \| "4735346").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/11 15:51 |
| S84 | 40 | ("2610940" \| "2715481" \| "2752066" \| "2757826" \| "2772819" \| "2997243" \| "3050219" \| "3062417" \| "3133680" \| "3149757" \| "3180536" \| "3426948" \| "3484023" \| "3591128" \| "3601290" \| "3606966" \| "3721423" \| "3738536" \| "3779427" \| "3797705" \| "3860149" \| "4024995" \| "4065036" \| "4418842" \| "4420090" \| "4735346").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/11 15:52 |
| S85 | 1 | ("5971214").URPN. | USPAT | OR | ON | 2008/09/11 15:52 |
| S86 | 14 | ("0337098" \| "0992487" \| "2410310" \| "2777416" \| "3192890" \| "3520368" \| "3667419" \| "3961597").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/11 15:54 |
| S87 | 1 | ("337098").URPN. | USPAT | OR | ON | 2008/09/11 15:55 |
| S88 | 1 | ("4098220").URPN. | USPAT | OR | ON | 2008/09/11 16:05 |
| S89 | 14 | ("0337098" \| "0992487" \| "2410310" \| "2777416" \| "3192890" \| "3520368" \| "3667419" \| "3961597").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/11 16:05 |

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| S90 | 96 | ("2671578" \| "2816691" \| "2937791" \| "3040933" \| "3169670" \| "3223289" \| "3323206" \| "3378169" \| "3662926" \| "3669313" \| "3731854" \| "3828977" \| "3905517" \| "3938708" \| "3940026" \| "3976223" \| "3979025" \| "4032064" \| "4039103" \| "4045860" \| "4062475" \| "4066596" \| "4095724" \| "4117951" \| "4121737" \| "4136802" \| "4148416" \| "4150522" \| "4153182" \| "4189069" \| "4198365" \| "4238264" \| "4293353" \| "4324350" \| "4383399" \| "4387833" \| "4441632" \| "4457454" \| "4949871" \| "4953753" \| "4964540" \| "4969577" \| "4981238" \| "5007556" \| "5031384" \| "5069363" \| "5111971" \| "5115944" \| "5123571" \| "5135137" \| "5137179" \| "5143260" \| "5169037" \| "5179982" \| "5186361" \| "5211316" \| "5217139" \| "5232126" \| "5238150" \| "5248063" \| "5265765" \| "5277336" \| "5282549" \| "5292033" \| "5320255" \| "5343901" \| "5353962" \| "5370272" \| "5409142" \| "5477985" \| "5505039" \| "5522526" \| "5622282" \| "5685456" \| "5730326" \| "5730328" \| "5772083" \| "5848623" \| "5915595" \| "5921439" \| "5927551" \| "5957333" \| "5979707" \| "6073804" \| "6098864" \| "6196275" \| "6230943" \| "RE35540").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 09:58 |
| S91 | 16 | ("3225967" \| "3323206" \| "3477195" \| "3662926" \| "4117951" \| "4150522" \| "4211344" \| "4346743" \| "4545506" \| "5248063" \| "5292033" \| "5505039" \| "6092566").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:01 |
| S92 | 17 | ("3477195").URPN. | USPAT | OR | ON | 2009/10/28 10:03 |
| S93 | 22 | ("3323206").URPN. | USPAT | OR | ON | 2009/10/28 10:04 |
| S94 | 7 | ("6196275").URPN. | USPAT | OR | ON | 2009/10/28 10:06 |
| S95 | 50 | ("20030089739" \| "2975575" \| "3176727" \| "3179132" \| "3180374" \| "3234707" \| "3273606" \| "3348587" \| "3454198" \| "3459244" \| "3528461" \| "3550649" \| "3568888" \| "3593889" \| "3612361" \| "3642035" \| "3690515" \| "3745741" \| "3806005" \| "3823849" \| "3995666" \| "4220265" \| "4441634" \| "4615470" \| "4969577" \| "5211316" \| "5505039" \| "5730326" \| "6039306" \| "6085945" \| "6196275" \| "6299024" \| "6345739" \| "6394364" \| "6698620" \| "6789702" \| "6874544" \| "7124788" \| "RE35683").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:07 |
| S96 | 6 | ("3471059" \| "3540623" \| "3986641" \| "4095724").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:23 |
| S97 | 4 | ("3181735" \| "3838794" \| "3905517").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:24 |

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|---|---|---|---|---|---|---|
| S98 | 4 | ("3986641").URPN. | USPAT | OR | ON | 2009/10/28 10:25 |
| S99 | 20 | ("4949871").URPN. | USPAT | OR | ON | 2009/10/28 10:25 |
| S100 | 10 | ("2816690" \| "3244173" \| "3437231" \| "3940026" \| "3961725" \| "4045860" \| "4121737").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:29 |
| S101 | 13 | ("0589216" \| "1951193" \| "2671578" \| "2816690" \| "3361303" \| "3625400" \| "3738538" \| "3753516").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:31 |
| S102 | 23 | ("3940026").URPN. | USPAT | OR | ON | 2009/10/28 10:31 |
| S103 | 4 | ("3876115" \| "3940026" \| "4222499" \| "4324350").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:33 |
| S104 | 13 | ("4446991").URPN. | USPAT | OR | ON | 2009/10/28 10:33 |
| S105 | 23 | ("2402943" \| "2819001" \| "2889078" \| "2937791" \| "3143364" \| "3169670" \| "3240394" \| "3318985" \| "3604880" \| "3606089" \| "3700136" \| "3731854" \| "3896970" \| "3928109").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:35 |
| S106 | 8 | ("2762534" \| "2944703" \| "3089624" \| "3421661").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 10:35 |
| S107 | 26 | ("3731854").URPN. | USPAT | OR | ON | 2009/10/28 10:36 |
| S108 | 5 | ("3877616" \| "4479593" \| "5409146" \| "5492252" \| "5642860").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:08 |
| S109 | 14 | ("6070763").URPN. | USPAT | OR | ON | 2009/10/28 11:08 |
| S110 | 6 | ("3471059" \| "3540623" \| "3986641" \| "4095724").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:14 |
| S111 | 20 | ("4949871").URPN. | USPAT | OR | ON | 2009/10/28 11:15 |
| S112 | 4 | ("3986641").URPN. | USPAT | OR | ON | 2009/10/28 11:16 |
| S113 | 4 | ("3181735" \| "3838794" \| "3905517").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/28 11:17 |
| S114 | 96 | ("2671578" \| "2816691" \| "2937791" \| "3040933" \| "3169670" \| "3223289" \| "3323206" \| "3378169" \| "3662926" \| "3669313" \| "3731854" \| "3828977" \| "3905517" \| "3938708" \| "3940026" \| "3976223" \| "3979025" \| "4032064" \| "4039103" \| "4045860" \| "4062475" \| "4066596" \| "4095724" \| "4117951" \| "4121737" \| "4136802" \| "4148416" \| "4150522" \| "4153182" \| "4189069" \| "4198365" \| "4238264" \| "4293353" \| "4324350" \| "4383399" \| "4387833" \| "4441632" \| "4457454" \| "4949871" \| "4953753" \| "4964540" \| "4969577" \| "4981238" \| "5007556" \| "5031384" \| "5069363" \| "5111971" \| "5115944" \| "5123571" \| "5135137" \| "5137179" \| "5143260" \| "5169037" \| "5179982" \| "5186361" \| "5211316" \| "5217139" \| "5232126" \| "5238150" \| "5248063" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 12:48 |

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| S115 | 8 | ("3257036" \| "3490655" \| "4159790" \| "4634028" \| "5156300" \| "5178021").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 12:52 |
| S116 | 25 | ("3257036").URPN. | USPAT | OR | ON | 2010/03/23 12:53 |
| S117 | 6 | ("3112846" \| "3179309" \| "4844301" \| "5318204").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 12:56 |
| S118 | 16 | ("5522526").URPN. | USPAT | OR | ON | 2010/03/23 12:57 |
| S119 | 86 | ("2697637" \| "2912173" \| "2952278" \| "3101876" \| "3106321" \| "3123261" \| "3190508" \| "3248015" \| "3272402" \| "3283963" \| "3333744" \| "3385482" \| "3421662" \| "3469744" \| "3482784" \| "3508689" \| "3521859" \| "3525456" \| "3542253" \| "3583604" \| "3598290" \| "3598324" \| "3606088" \| "3613728" \| "3664557" \| "3770165" \| "3796352" \| "3813011" \| "3856263" \| "3915345" \| "3976223" \| "3977575" \| "3982668" \| "3982674" \| "4062475" \| "4067499" \| "4340154" \| "4431119" \| "4471893" \| "4493444" \| "4585149" \| "4801046" \| "4852807" \| "4979646" \| "5115944" \| "5167347" \| "5238150" \| "5282549" \| "5285966" \| "5289944" \| "5353962" \| "5449094" \| "5456386" \| "5522526" \| "5551601" \| "5647510" \| "5662271" \| "5772083" \| "5845716" \| "5895029" \| "5915595" \| "5915598" \| "5927563" \| "5947335" \| "6325248").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 12:58 |
| S120 | 5 | ("3658208" \| "3912130" \| "3918611" \| "4646947" \| "5179982").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 12:59 |
| S121 | 6 | ("5772083").URPN. | USPAT | OR | ON | 2010/03/23 12:59 |
| S122 | 10 | ("3255926" \| "3318484" \| "3372839" \| "3420033" \| "4613061" \| "5167347").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:00 |
| S123 | 2 | ("5456386").URPN. | USPAT | OR | ON | 2010/03/23 13:01 |
| S124 | 4 | ("4189069" \| "4222499" \| "4458830" \| "4964540").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:03 |
| S125 | 12 | ("2715980" \| "3225967" \| "3256911" \| "3506005" \| "3608781" \| "3738538" \| "3876115" \| "3961725").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:06 |
| S126 | 29 | ("4222499").URPN. | USPAT | OR | ON | 2010/03/23 13:07 |

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|---|---|---|---|---|---|---|
| S127 | 16 | ("5522526").URPN. | USPAT | OR | ON | 2010/03/23 13:22 |
| S128 | 2 | ("5035351" \| "5040704").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:25 |
| S129 | 11 | ("5169037").URPN. | USPAT | OR | ON | 2010/03/23 13:25 |
| S130 | 22 | ("1088227" \| "2837245" \| "3378169" \| "3486661" \| "3731854" \| "3984034" \| "4039103" \| "4159789" \| "4308973" \| "4844301" \| "4868026" \| "4894268" \| "4899914" \| "4943458" \| "4954376" \| "4969577" \| "5020691" \| "5037001").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:27 |
| S131 | 11 | ("2816691").URPN. | USPAT | OR | ON | 2010/03/23 13:33 |
| S132 | 83 | ("3429026" \| "3433391" \| "3438818" \| "3467283" \| "3482738" \| "3486661" \| "3549050" \| "3549058" \| "3838977" \| "3989165" \| "4032064" \| "4117951" \| "4148416" \| "4159789" \| "4174811" \| "4185758" \| "4187959" \| "4189069" \| "4198365" \| "4202470" \| "4211344" \| "4238264" \| "4254894" \| "4265373" \| "4293353" \| "4308973" \| "4328843" \| "4346743" \| "4350272" \| "4360131" \| "4376500" \| "4383399" \| "4470520" \| "4478044" \| "4491250" \| "4513884" \| "4646946" \| "4679706" \| "4801046" \| "4867344" \| "4875508" \| "4896794" \| "4909420" \| "4949871" \| "4951847" \| "4955512" \| "4969577" \| "4978033" \| "4988018" \| "5007556" \| "5022564" \| "5031384" \| "5032619" \| "5035351" \| "5040704" \| "5044524" \| "5069363" \| "5115944" \| "5123560" \| "5123571" \| "5135137" \| "5137179" \| "5137186" \| "5167347" \| "5179982" \| "5190184" \| "5217139" \| "5248063" \| "5263519" \| "5265765" \| "5277336" \| "5409142" \| "5497911" \| "5522526" \| "5730328").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:48 |
| S133 | 13 | ("2583062" \| "3145884" \| "3767078" \| "3883046" \| "4136802" \| "4185758" \| "4213545" \| "4264018" \| "4271869" \| "4344458" \| "4548321").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:50 |
| S134 | 19 | ("3011686" \| "3074602" \| "3283960" \| "3415425" \| "4162030" \| "4346743" \| "4709734" \| "4752018" \| "4785974" \| "4801046" \| "4802610" \| "4807785" \| "4875508" \| "4892230" \| "5012956").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 13:52 |
| S135 | 14 | ("2671578" \| "2689065" \| "2704172" \| "2959250" \| "3282473" \| "3447779" \| "3504827").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 14:04 |
| S136 | 11 | ("3282473").URPN. | USPAT | OR | ON | 2010/03/23 14:04 |
| S137 | 7 | ("3785537" \| "4062475" \| "4854343" \| "5069368" \| "5492252" \| "5617976" \| "6070763").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 14:09 |

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|---|---|---|---|---|---|---|
| S138 | 5 | ("3877616" \| "4479593" \| "5409146" \| "5492252" \| "5642860").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 14:09 |
| S139 | 22 | ("4801046").URPN. | USPAT | OR | ON | 2010/03/23 14:22 |
| S140 | 11 | ("3335913" \| "3452906" \| "3477195" \| "3575319" \| "4136802" \| "4159789" \| "4189069" \| "4556156").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/23 14:22 |

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